# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Friday 11 Dec 2020 until 23:59 on Saturday 12 Dec 2020

Forecast Issued on Thursday 10 Dec 2020 at 17:13

**Confidence:** High for generally unsettled and mostly mild conditions throughout, lower for details with regard to cloud and timings of the various rain bands.

**Headline for Friday 11 Dec 2020:** Cloudy with outbreaks of rain turning more showery this afternoon. Winds easing.

**Mountain weather hazards on Friday 11 Dec 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
Low Likelihood

**Poor visibility**
High Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Heavy Rain | Light rain | Light rain | Cloudy | Cloudy | Light rain showers | Light rain showers (night) | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 90% | 80% | 60% | 40% | 40% | 30% | 30% | 20% |

**Forecast for Friday 11 Dec 2020**

**Weather:** Cloudy with outbreaks of rain and drizzle, occasionally heavy at first, through the early hours. Then a cloudy morning with further rain and drizzle at times, these becoming patchier towards midday, with western hills becoming mainly dry. The rain turns more showery through the afternoon with some late brighter spells possible, especially in west. Occasional showers and a few clear spells expected through the evening.

**Chance of cloud free mountain/hill tops above 600m:** Little chance through the morning with periods or persistent cloud above 300m and patches below, although nearer 40% in the west and, during the late afternoon, elsewhere with cloud occasional or periods above 600m.

**Visibility:** Just a few kilometres in rain and drizzle otherwise mainly good

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# Mountain Weather Forecast

**Forecast for Friday 11 Dec 2020**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 23/32 SE | 23/32 SE | 17/24 SE | 13/18 SE | 11/15 SE | 7/9 SE | 5/7 SE | 5/6 E | 5/7 NE |
| **300** | 17/28 SE | 18/28 SE | 13/23 SE | 9/16 SE | 7/13 SE | 4/7 SE | 3/5 SE | 2/4 E | 3/5 E |
| **Valley** | 10/23 SE | 12/25 SE | 8/17 SE | 7/13 SE | 5/10 SE | 3/6 E | 3/6 E | 4/6 E | 3/6 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 3/-4 | 3/-3 | 4/-1 | 4/0 | 4/1 | 4/2 | 4/2 | 4/2 | 3/1 |
| **300** | 5/0 | 5/0 | 5/1 | 6/3 | 6/4 | 7/5 | 6/5 | 6/5 | 5/4 |
| **Valley** | 6/2 | 6/2 | 6/3 | 6/4 | 7/5 | 7/6 | 6/5 | 6/5 | 6/4 |
| **Freezing Level*** | 1400m | 1600m | 1500m | 1500m | 1500m | 1400m | 1400m | 1300m | 1300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Significant chill effect, especially at first

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Thu 10 Dec 2020 | 0.8mm | 21.2mm | 32.4mm |

**Forecast for Saturday 12 Dec 2020**

**Weather:** Rather cloudy overnight with one or two showers around, perhaps some clearer spells in the west. Then a cloudy morning with outbreaks of rain developing, perhaps the odd heavier burst. The rain gradually clears during the afternoon with a few bright or sunny spells developing. Dry with clear spells in evening.

**Maximum wind:** Variable 10mph or less at first becoming westerly or northwesterly 10-15mph.

**Chance of cloud free mountain/hill tops above 600m:** Little chance through the morning and early afternoon with periods or persistent cloud above 450m lowering to 300m or less at times, improving to 25% from the west during the afternoon with cloud lifting and breaking a little with bases 600m. Chances improve considerably during the evening.

**Visibility:** Good falling to just a few kilometres in rain and drizzle

**Temperature:** **Valleys:** Around plus 5 Celsius overnight rising to plus 8 Celsius by day.
**At 600m:** Around plus 4 or 5 Celsius
**Freezing level:** Above the summits

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